PTO/SB/08 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB convol number

TRADE	Substitute for form 1449/PTO			Complete if Known		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  Date Submitted:  (use as many sheets as necessary)				Application Number	10/573,783	
				Filing Date	09/24/2004	
				First Named Inventor	Toru ONODERA	
				Art Unit	1796	
				Examiner Name	Jeffrey S. Lenihan	
Sheet	1	of	1	Attorney Docket Number	023174-0157	

U.S. PATENT DOCUMENTS					
Publication Date Name of Patentee or Applicant of Where Relevant	Nam	Publication Date MM-DD-YYYY	Document Number	Cite	Examin er No.1
	, van		Number-Kind Code <sup>2</sup> (if known)		
09-17-2002 WEISSE ET AL.	WE	09-17-2002	6,451,921 B2	D1	
09-13-2001 WEISSE ET AL.	WE	09-13-2001	2001/0021764 A1	D2	
03-31-2005 KINOUCHI ET AL.	KIN	03-31-2005	2005/0069780 A1	D3	

	FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document  Country Code <sup>3</sup> -Number <sup>4</sup> - Kind Code <sup>5</sup> ( <i>if known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>	
	D4	JP 2001-278978 A	10-10-2001	MEMBRANA GMBH		Abst.	
	D5	JP 2003-206354 A	07-22-2003	UBE IND. LTD.		Abst.	
	D6	JP 63-258930 A	10-26-1988	DAICEL CHEM IND. LTD.		Abst.	

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*			T <sup>6</sup>		

Examiner Signature	Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete. including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.